



WiFi Connectivity Eliminates Trenching or Cable Tray Cost

Application Sheet #39

CUSTOMER VALUE

Retrofitting wells to modern controls and communications made easy!

SITUATION

- A Customer in North Eastern USA wanted to modernize their injection by bringing monitoring and controls into their SCADA system.
- Several of their wells were considered critical and required significant man time to monitor.
- There was concern over the cost of trenching and running conduit as well as the safety risk associated with trenching on an existing well site. The cost of cable trays and conduit to perform the retrofits was also a concern.

SOLUTION

- Sirius provided chemical injection systems complete with InSight™ smart sight glass. The InSight™ provides flow assurance, feedback control and tank level. The Fusion controller was also provided which has wifi to modbus capability.

RESULTS

- The Fusion™ controller communicated directly to the customers PLC through wifi; which, permitted the customer to directly monitor and adjust flow rate at his control center.

- The Customer was able to closely monitor these critical applications and set up alarms to ensure operators were immediately alerted to any interruptions in flow or low tank levels.
- Not having to trench cables or construct cable trays saved the customer thousands of dollars and prevented the unnecessary risk of electrical hazards.
- The ease of retrofitting using wifi removed the complexities of having to apply for permits, surveying and then starting construction on either trenches or cable trays.
- The Customer was so impressed with the performance of the accurate and reliable Sirius system that they decided to retrofit additional legacy pumps.

